



Rabbit Anti-DDX24 antibody

SL14219R

Product Name:	DDX24
Chinese Name:	ATP依赖解旋酶DDX24抗体
Alias:	ATP dependent RNA helicase DDX24; ATP-dependent RNA helicase ddx24; DDX 24; ddx24; DDX24_HUMAN; DEAD (Asp Glu Ala Asp) box polypeptide 24; DEAD box protein 24; DEAD/H (Asp Glu Ala Asp) box polypeptide 24; S. cerevisiae CHL1 like helicase.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	120kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DDX24:701-800/859
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their

distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which shows little similarity to any of the other known human DEAD box proteins, but shows a high similarity to mouse Ddx24 at the amino acid level. [provided by RefSeq, Jul 2008]

Function:

ATP-dependent RNA helicase.

Tissue Specificity:

Ubiquitous. Most abundant in heart and brain, but with lowest levels in thymus and small intestine.

Post-translational modifications:

Phosphorylated upon DNA damage, probably by ATM or ATR.

Similarity:

Belongs to the DEAD box helicase family. DDX24/MAK5 subfamily.

Contains 1 helicase ATP-binding domain.

Contains 1 helicase C-terminal domain.

SWISS:

Q9GZR7

Gene ID:

57062

Database links:

[Entrez Gene: 57062](#) Human

[Entrez Gene: 27225](#) Mouse

[Omim: 606181](#) Human

[SwissProt: Q9GZR7](#) Human

[SwissProt: Q9ESV0](#) Mouse

[Unigene: 510328](#) Human

[Unigene: 3935](#) Mouse

[Unigene: 475067](#) Mouse

Important Note:

	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
--	---

www.sunlongbiotech.com